

Title (en)

POTS SPLITTER ASSEMBLY WITH IMPROVED TRANSHYBRID LOSS FOR DIGITAL SUBSCRIBER LOOP TRANSMISSION

Title (de)

POTS VERTEILERANORDNUNG MIT VERBESSERTEM TRANSHYBRIDVERLUST FÜR DIGITALE TEILNEHMERSCHLEIFENÜBERTRAGUNG

Title (fr)

ENSEMBLE DIVISEUR DE TELEPHONIE TRADITIONNELLE A PERTE PAR REFLEXION AMELIOREE, DESTINEE A UNE BOUCLE NUMERIQUE D'ABONNE

Publication

**EP 0864219 A2 19980916 (EN)**

Application

**EP 96940835 A 19961120**

Priority

- US 9618682 W 19961120
- US 56298195 A 19951127

Abstract (en)

[origin: WO9720396A2] A data transmission system including a telephone service subscriber loop utilized for transmission of data including telephone service signals; a splitter operable for splitting the subscriber loop into a first transmission path including a low pass filter which accommodates a continuation of telephone service signal transmissions along the subscriber loop and a second transmission path, said second transmission path including a capacitive element for attenuating the telephone service signals; and a digital subscriber loop transceiver coupled to the second transmission path for implementing high rate digital data transmission over the subscriber loop, the transceiver including a frontend processing circuit having a transmit path and a receive path, at least said receive path comprising a high pass filter for further attenuating said telephone service signals. The capacitive element in the second transmission path and the high pass filter in the receive path of the transceiver frontend operate in conjunction to maintain transhybrid loss.

IPC 1-7

**H04M 11/06**

IPC 8 full level

**H04M 11/06** (2006.01)

CPC (source: EP US)

**H04M 11/062** (2013.01 - EP US); **H04Q 2213/13034** (2013.01 - EP US); **H04Q 2213/13174** (2013.01 - EP US);  
**H04Q 2213/1319** (2013.01 - EP US); **H04Q 2213/13199** (2013.01 - EP US); **H04Q 2213/13305** (2013.01 - EP US);  
**H04Q 2213/1332** (2013.01 - EP US)

Citation (search report)

See references of WO 9720396A2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 9720396 A2 19970605**; **WO 9720396 A3 19970710**; AU 1079797 A 19970619; DE 69628189 D1 20030618; DE 69628189 T2 20040401;  
EP 0864219 A2 19980916; EP 0864219 B1 20030514; US 5757803 A 19980526

DOCDB simple family (application)

**US 9618682 W 19961120**; AU 1079797 A 19961120; DE 69628189 T 19961120; EP 96940835 A 19961120; US 56298195 A 19951127